



Broadway Avenue  
Bridge Replacement

# Welcome

## Thank you for attending

**The purpose of today's open house is to give you an opportunity to:**

- Learn about the project.
- See and comment on preliminary design and construction plans.
- Give input and speak with ITD staff.

Public input will help the Idaho Transportation Department finalize design and construction plans.





Broadway Avenue  
Bridge Replacement

# Overview

**The Idaho Transportation Department (ITD) is replacing the Broadway Bridge over the Boise River. The project includes:**

- Removing and rebuilding the Broadway Bridge.
- Making roadway improvements to Broadway Avenue between University Drive and Front Street.
- Improving traffic flow and pedestrian/bicycle safety across the bridge.
- Improving connectivity from the Greenbelt pathway to Broadway Avenue.

ITD has been working with the community to gather input on preliminary design plans for the project.

# Why Replace the Bridge?



Design and safety standards for bridges have become more stringent over the past 50 years since the current structure was built.

---

After routine inspections, ITD has determined the existing Broadway Bridge is showing signs of wear that could turn into more serious issues in the future.

---

The bridge is too narrow for the high volume of cars, pedestrians and bicyclists that travel over the structure.

# Project Process and Schedule

The project is currently in the design stage and construction is expected to begin late next year.

	2014	2015
Preliminary design	Spring	
Public open house	Fall	
Obtain environmental clearance		Early
Finalize design		Mid
Present final design and construction plans		Fall
Begin construction		Late



Broadway Avenue  
Bridge Replacement

# Purpose and Need

**ITD is completing an environmental analysis for the Broadway Bridge Replacement Project. A key component of the analysis is identifying the purpose and need for the project.**

## **Purpose:**

- Replace the bridge.
- Improve capacity for vehicles, pedestrians and bicyclists.
- Enhance connectivity and reduce congestion.

## **Need:**

- The bridge is reaching its life expectancy, and the structure does not meet today's standards.
- Pedestrian facilities are inadequate and bicycle facilities are not available.
- The existing structure cannot handle the high amount of traffic that crosses the bridge during community and university events.

For the project's entire purpose and need statement see the handout on the table.

# Environmental Considerations

The environmental analysis takes many factors into consideration, including:

## Noise

- ITD is in the process of analyzing the noise that will be generated from the project improvements.

## Transportation access

- The analysis studies how traffic will move around the construction zone. See Station 4 for more information about preliminary detour routes.

## Other

- The environmental analysis also studies impacts to wetlands, air quality, water quality and cultural and historic resources.

# Environmental Considerations

ITD will work to minimize impacts to the Boise River, parks and historical and archaeological sites.

ITD is in the process of analyzing impacts to culturally sensitive areas, including Julia Davis Park, Christ Chapel and the bridge.

## Section 6(f) of the Land and Water Conservation Act

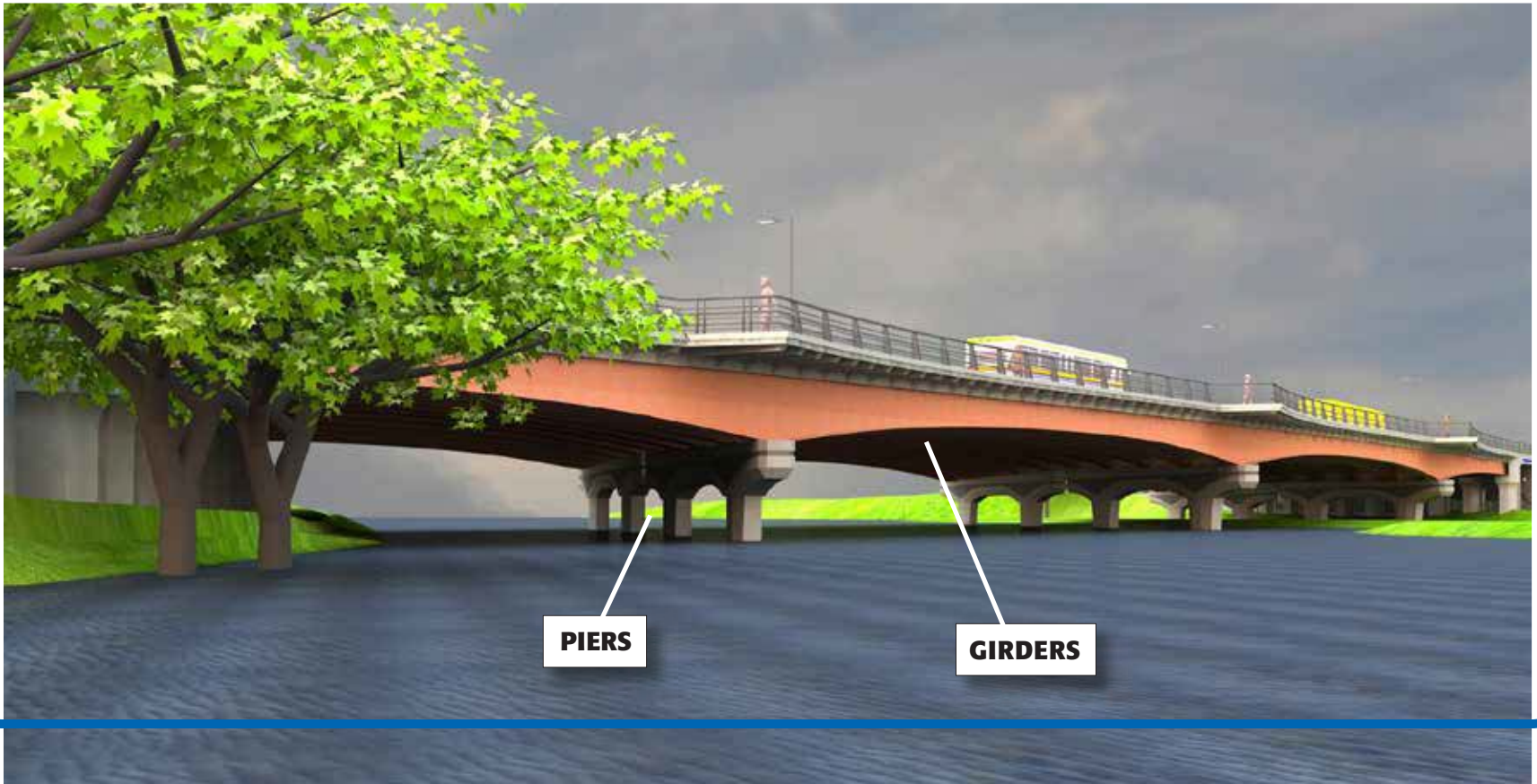
- A small segment of the Greenbelt on the north side of the Broadway Bridge was paid for with federal dollars designated by the Land Water and Conservation Act.
  - Replacing the Broadway Bridge will require converting this Greenbelt segment from a recreational use to a non-recreational use.
- To use this land for the new bridge, another non-recreational piece of land needs to be converted to a recreational use.
  - ITD has worked with the City of Boise to identify a piece of land for this conversion. The land identified would be converted to a Greenbelt connection from Garden City to the east side of the I-84 Connector.



## Broadway Avenue Bridge Replacement

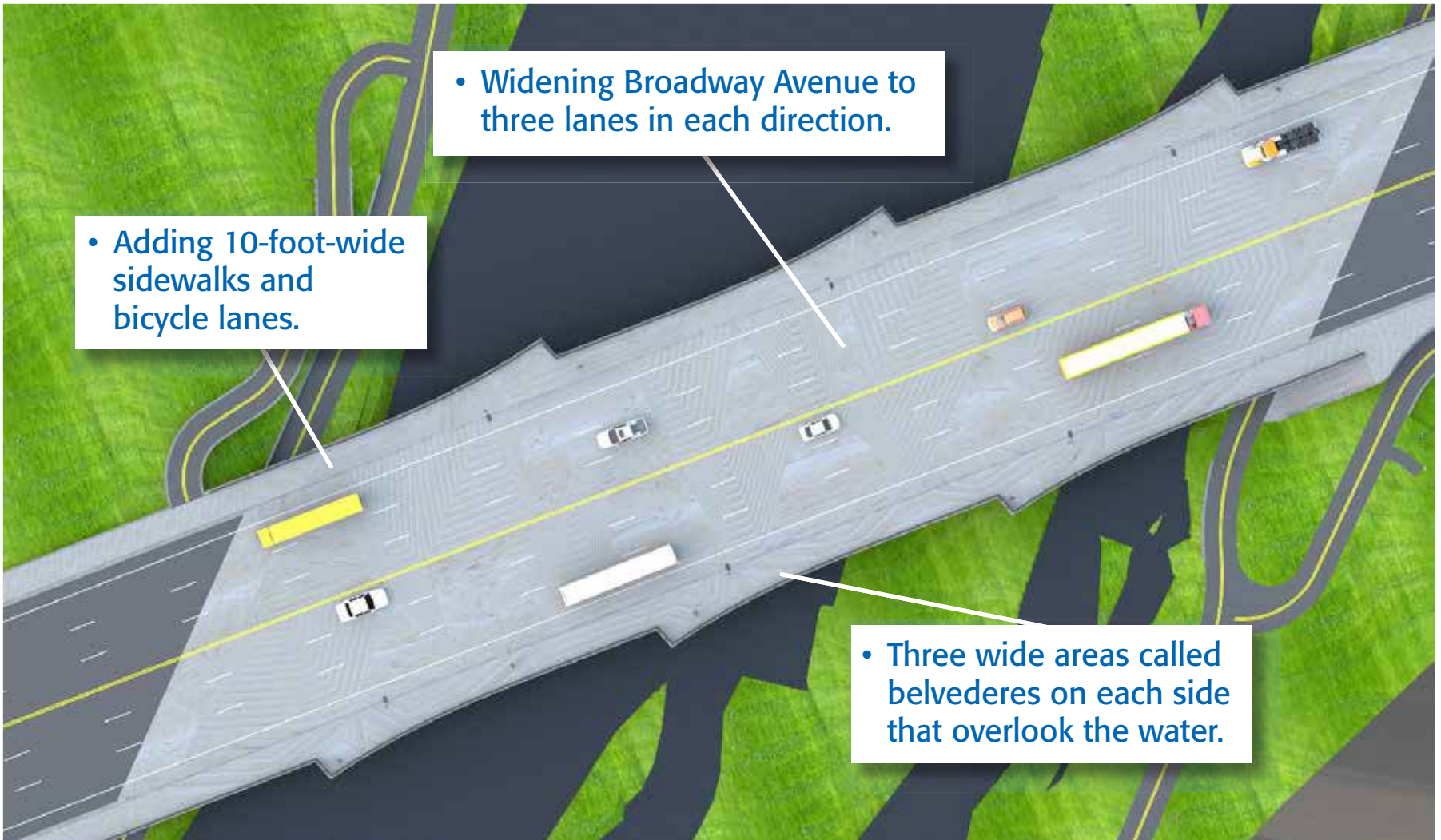
# Bridge Structure

Preliminary design plans include a four-span bridge with three piers and weathered steel, haunched girders that will be visible from the Greenbelt.



# Deck of the Bridge

Preliminary design plans



- Widening Broadway Avenue to three lanes in each direction.

- Adding 10-foot-wide sidewalks and bicycle lanes.

- Three wide areas called belvederes on each side that overlook the water.

# Railing and Lighting

Preliminary design plans include a curved railing with integrated night lighting.



# Greenbelt Connectivity Northwest (Julia Davis Park)



# Greenbelt Connectivity Northeast (Ram)



# Greenbelt Connectivity Southwest (BSU)



# Greenbelt Connectivity Southeast (University Plaza)

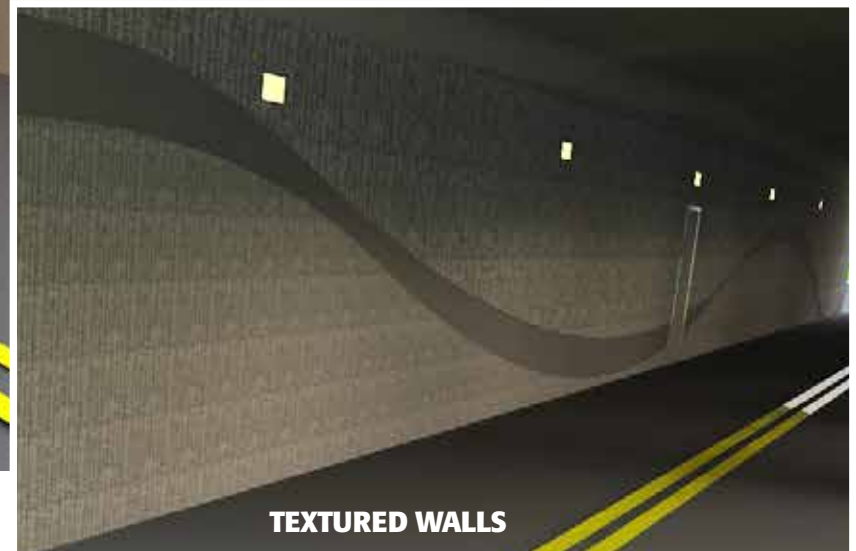


# Greenbelt Under the Bridge

Preliminary design plans for the Greenbelt under the bridge include providing an open view of the river and raising the pathway to reduce flooding.



**OPEN VIEW OF THE RIVER**



**TEXTURED WALLS**

# Roadway Improvements

South of  
the Bridge

# Roadway Improvements

On the  
Bridge

# Roadway Improvements

North of  
the Bridge



Broadway Avenue  
Bridge Replacement

# Construction

**Construction is anticipated to begin in late 2015. ITD is planning to close Broadway Avenue from University Drive to Myrtle Street. A full closure would:**

- Allow the project to be completed in half the time as compared to a partial closure (9 months vs. 18 months).
- Reduce traffic control, administrative and construction costs by \$3.5 million.
- Provide sufficient space for the contractor to set up a construction staging area.



# Anticipated Construction Impacts

**Construction is anticipated to begin in late 2015.**

During construction, you can expect:

Broadway Avenue will be closed in both directions from University Drive to Myrtle Street. Access to Longmont Avenue will remain open.

Detour routes will be clearly marked.

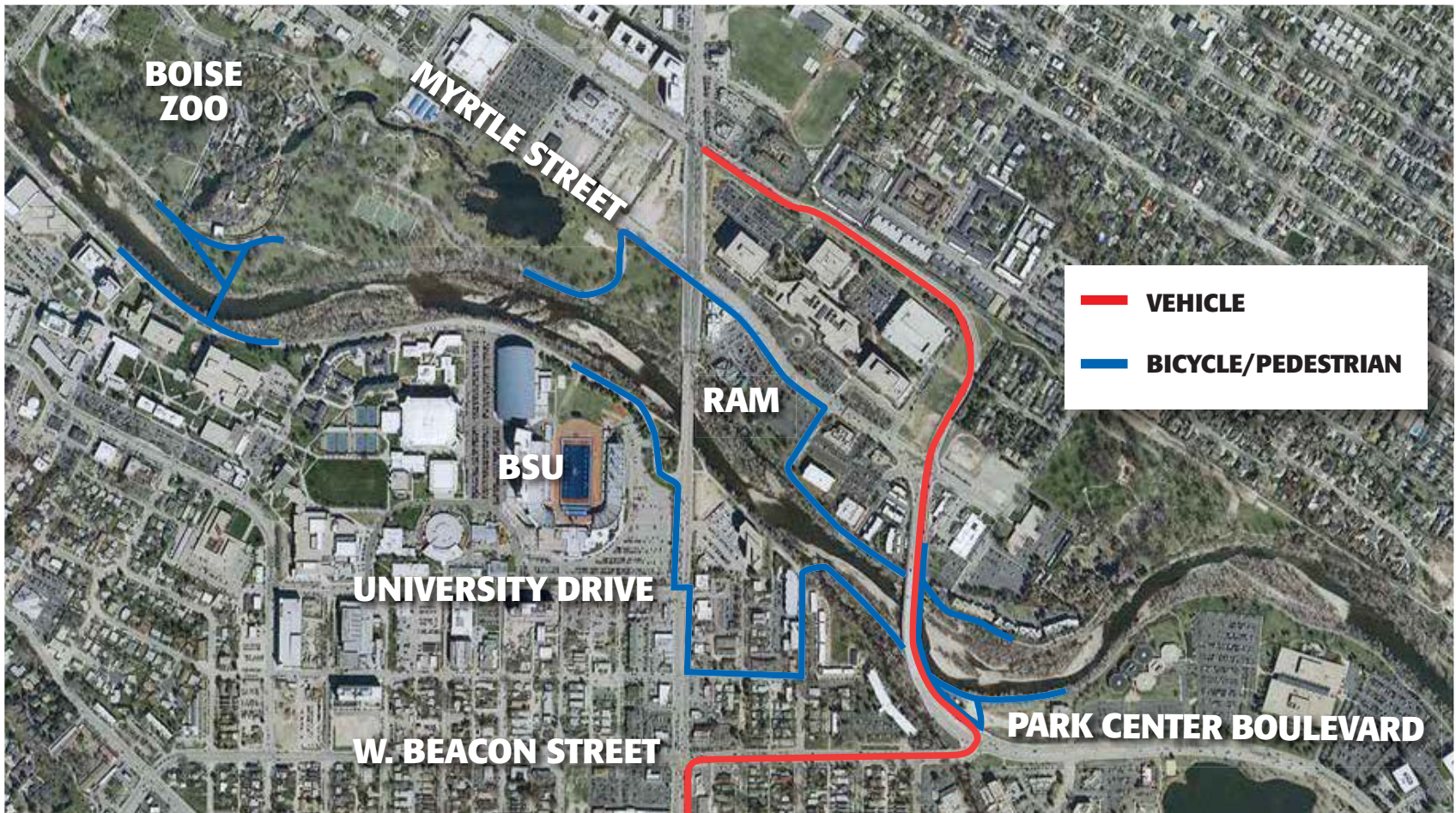
The Greenbelt under the bridge will be closed and detour routes for bicyclists and pedestrians will be clearly marked.

In the summer, there will be several days when river floaters will not be allowed to pass under the bridge due to overhead work.

More details about construction impacts will be known as the design process proceeds.

# Preliminary detour routes

ITD is in the process of determining the best detour routes during construction. Several routes are being considered at this time.





## Broadway Avenue Bridge Replacement

# Next Steps

ITD will continue to involve the public in the design process.

---

Public input will be used to help ITD finalize design plans.

---

ITD will obtain environmental clearance and acquire land early next year.

---

The final design of the project will be presented to the public next year.

---

A public open house will be hosted before construction begins.

---

Construction is expected to begin in late 2015.

---



# Join Us Online

Thank you for attending ITD's open house.

**Today's meeting will be available online from Oct. 2–17.**

You are also invited to participate in one of our upcoming online Q&A sessions. ITD's project manager will be available during the sessions to answer your questions live. The sessions will be held:

**Oct. 7 (Tuesday)**

Noon to 1 p.m.

and

6 to 7 p.m.

**Oct. 15 (Wednesday)**

Noon to 1 p.m.

and

6 to 7 p.m.

To participate in the online open house and live Q&A sessions go to:

**[www.itd.idaho.gov/broadwaybridge/](http://www.itd.idaho.gov/broadwaybridge/)**



Broadway Avenue  
Bridge Replacement

# How to stay informed and involved

Stay updated by visiting:

**<https://itd.idaho.gov/broadwaybridge/>**

If you have questions, please email:

**[comments@itd.idaho.gov](mailto:comments@itd.idaho.gov)**

You can also contact Adam Rush,  
ITD's Public Involvement Coordinator at:  
**(208) 334-8119**



Thank you for your interest in the  
Broadway Bridge Replacement Project.

